

**DECLARATION AND POWER OF ATTORNEY FOR  
UTILITY OR DESIGN PATENT APPLICATION  
(37 CFR 1.63)**

- Declaration Submitted with Initial Filing.  
 Declaration Submitted after Initial Filing  
 (surcharge (37 CFR 1.16(e)) required).

Attorney Docket No.: 137728-US  
 First Named Inventor: Darrell Gordon Ball  
 COMPLETE IF KNOWN

Application Number:  
 Filing Date:  
 Group Art Unit:  
 Examiner Name:

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**REDUNDANT MEMORY ARCHITECTURE WITH DEFRAAGMENTATION CAPABILITY**

the specification of which

- is attached hereto.  
 was filed on \_\_\_\_\_ as United States Application Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Application Number	Date Filed	Priority Claimed Under 35 U.S.C. §119
Canada	2,455,656	January 22, 2004	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**Provisional Application**

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Serial Number	Filing Date

**U.S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Filing Date	Status - Patented/Pending/Abandoned

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John Granchelli	Registration No. 39,512
Greg Benoit	Registration No. 48,067

Address all correspondence to:

John Granchelli  
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600 March Road  
Ottawa, ON K2K 2E6  
CANADA

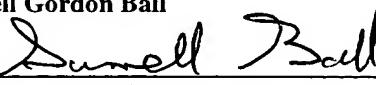
Direct telephone calls to:

John Granchelli      Phone (613) 784-6523      Fax (613) 784-8923

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Darrell Gordon Ball**

Sole or first inventor's signature: 

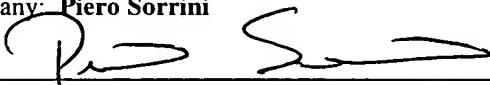
Date: March 25, 2004

Residence: City Ottawa State Ontario, Canada

Citizenship: Canada

Mailing Address: 1531 Scottanne Street, Ottawa, Ontario, K4P 1G8, Canada

Full name of second inventor, if any: **Piero Sorrini**

Second inventor's signature: 

Date: MARCH 25, 2004

Residence: City Ottawa State Ontario, Canada

Citizenship: Canada

Mailing Address: 6 Redcar Crescent, Ottawa, Ontario, K2K 3E2

Full name of third inventor, if any:

Third inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: City \_\_\_\_\_ State \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Full name of fourth inventor, if any:

Fourth inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: City \_\_\_\_\_ State \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Full name of fifth inventor, if any:

Fifth inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: City \_\_\_\_\_ State \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Full name of sixth inventor, if any:

Sixth inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: City \_\_\_\_\_ State \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re. Application of: Darrell Gordon Ball et al

Serial No.:

Filed:

Title: REDUNDANT MEMORY ARCHITECTURE WITH DEFRAGMENTATION  
CAPABILITY

Atty. Docket No.: 137728-US

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231  
U.S.A.

**ASSOCIATE POWER OF ATTORNEY**

Dear Sir:

The undersigned, John Granchelli (Reg. No. 39,512), is an agent of record for the captioned U.S. Patent Application under a Power of Attorney filed with the U.S. Patent Office contemporaneously herewith.

Pursuant to 37 CFR Section 1.34(b), the undersigned hereby appoints the following registered practitioners as associate agents of record:

Terry W. Kramer	Reg. No. 41,541
Arlir M. Amado	Reg. No. 51,399
Thomas Powers	Reg. No. 38,582
Tyler S. Brown	Reg. No. 36,465

to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith. The appointment of the above practitioners does not affect, and is not intended to affect, the status of any other practitioner who has been appointed previously as agent of record for this matter.

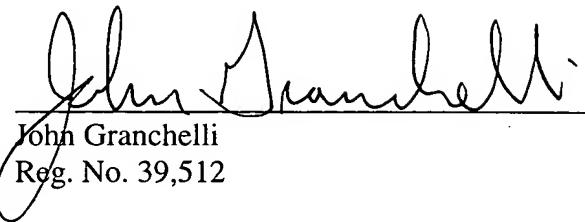
Please direct any and all correspondence and telephone calls to:

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Respectfully submitted,

MARCH 25/04  
Date

  
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